

REMARKS

The application has been amended and is believed to be in condition for allowance.

The specification has been amended to add section headings responsive to the pending objection.

There are no other formal matters outstanding.

Applicants acknowledge with appreciation that claims 31, 32, 46 and 47 were indicated to be directed to allowable subject matter.

Claim 48 was rejected as anticipated by DEARDURFF 3,818,412.

Claims 27-30, 39 and 40 were rejected as obvious over MARSHALL 4,973,911 in view of SNITZER 4,298,794.

Claims 33-38, 41-44 and 49-52 were rejected in further view of DEARDURFF.

Claim 45 was rejected in further view of GENTRY 3,746,582.

Claims 48-52 have been cancelled.

New claim 53 is a combination of allowable claim 31 and base claim 27. The remaining new claims correspond to prior pending claims.

Allowance of claim 53 and its dependent claims is solicited.

The remaining claims have been amended to make clear that the claims are directed to testing a harness. In the

dependent claims it is clear that the test is conducting with the equipment being serviced by the harness being connected, i.e., the equipment not being disconnecting during the test.

The device for testing the electromagnetic susceptibility in MARSHALL does not verify the presence nor even so the localization of an electromagnetic protection defect of a harness comprising a sheath of electromagnetic shielding, but rather functions to verify the correct functioning of an apparatus in the presence of electromagnetic disturbances, which are applied to it by a cable connected to the apparatus.

Clearly, MARSHALL does not test the cable/harness, but is used to test the apparatus linked to the cable.

According to the Official Action, a sheath of cable 9 appears in Figures 3 and 4. Yet, nothing indicates that this concerns a sheath of an electromagnetic shielding.

SNITZER discloses a process for detecting hot spots in a power cable (abstract, column 3, line 56 and claim 8) by setting an optic fiber adjacent to the cable.

The fiber must comprise two cores having particular characteristics for detecting the presence of a hot spot along the cable (of the fiber).

The presence of a third core with specific characteristics appears necessary to affect the temperature measurement and to localize the hot spot (column 7, lines 36-44 and column 9, line 61 to column 10, line 13).

Therefore, the invention, as defined by claim 27, does not result by only combining MARSHALL and SNITZER, since MARSHALL's device does not provoke the apparition of a hot spot on the cable in case of a defect on the sheath.

Likewise, nothing encourages one of skill to use SNITZER to localize a defect in a bundle without dismounting it, since SNITZER needs to connect to the fiber ends a luminous transmitter and luminous sensor.

Nothing either incites one of skill to combine MARSHALL and SNITZER, because difficulties immediately appear to embody SNITZER's invention without disconnecting the cable in MARSHALL's testing equipment.

Besides, nothing encourages one of skill to use MARSHALL, nor MARSHALL and SNITZER, to test DEARDURFF's cable, since this cable is protected by a sheath 26 of electromagnetic shielding which is not compatible with the transmission of a magnetic flux (applied from the exterior of the cable) in the cable conductors. That stands at the opposite of MARSHALL's first purpose, which is to test the equipment connected to the cable.

From the above, it is believed clear that the claims are non-obvious. Reconsideration and allowance of all the claims are respectfully requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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